

What is claimed is:

1. A lens-fitted photo film unit with a flash device, in which a filmstrip is preloaded, comprising:

5 an exposure section for exposing a filmstrip; and
a flashlight projector included in said flash device, for projecting a flashlight so that an intensity of said flashlight may be at the maximum in outsides of the photographic area.

10 2. A lens-fitted photo film unit claimed in claim 1, wherein said outsides are located above or/and below said photographic area.

15 3. A lens-fitted photo film unit claimed in claim 2, wherein the intensity of said flashlight on upper and lower limits of said photographic area is 1.0-1.5 LV larger than in a center of said photographic area.

20 4. A lens-fitted photo film unit claimed in claim 2, said flashlight projector comprising:

 a flash tube for emitting said flashlight;
 a reflector having nearly half elliptical shape for reflecting said flashlight emitted from said flash tube so as to tend forwards; and

25 a transparent protector attached to a front side of said reflector for protecting said flash tube,

 wherein said flash tube is disposed forward from a focal point of said reflector on a projection axis of said flashlight projector.

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5. A lens-fitted photo film unit claimed in claim 2, said

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flashlight projector comprising:

a flash tube for emitting said flashlight;

a reflector having nearly half elliptical shape, in an inner side of said reflector said flash tube being disposed on an 5 projection axis of said flash device, said reflector reflecting said flashlight emitted from said flash tube so as to tend forwards;

a transparent protector attached to a front side of said reflector for determining a lighting distribution ; and

10 a regulate portion formed on a rear face of said protector for deflecting a part of said flashlight tending toward a center of said photographic area into said outsides of said photographic area.

15 6. A lens-fitted photo film unit claimed in claim 5, wherein said regulate portion is a plate protuberance extending on said projection axis toward said flash tube, and a part of said flashlight emitted from said flash tube is reflected on said plate protuberance.

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7. A lens-fitted photo film unit claimed in claim 6, wherein an end of said plate protuberance is wedge-shaped.

25 8. A lens-fitted photo film unit claimed in claim 6, wherein said plate protuberance has upper and lower faces inclined to said projection axis so as to become thinner towards said end.

30 9. A lens-fitted photo film unit claimed in claim 8, wherein said end of said plate protuberance is provided with a first groove having a V-shaped form.

10. A lens-fitted photo film unit claimed in claim 9, wherein a second groove is formed on a front face of said protector into said plate protuberance.

5 11. A lens-fitted photo film unit claimed in claim 2, said flashlight projector comprising:

 a flash tube for emitting said flashlight;
 a reflector having nearly half elliptical shape, in an inner side of said reflector said flash tube being disposed on an 10 projection axis of said flash device, said reflector reflecting said flashlight emitted from said flash tube so as to tend forwards; and

 a protector being attached to a front side of said reflector, for determining a distribution of said flashlight,
15 wherein a distance between said protector and said flash tube is larger than an opening width of said reflector.

20 12. A lens-fitted photo film unit claimed in claim 2, wherein said flashlight projected by said flashlight projector is at the maximum only above or below said photographic area.

25 13. A lens-fitted photo film unit claimed in claim 12, wherein a projection axis of said flashlight projector is inclined to upwards or downwards with respect of a photographic axis.

25 14. A method of a flash lighting of a lens-fitted photo film unit, comprising steps of:

 projecting a flashlight from a flashlight projector; and
 illuminating a scene such as an intensity of said flashlight 30 may be at the maximum in outsides of a photographic area within said scene.